Introduction:

1, software have an increasingly import influence on the world. the importance of the durable software and the low cost, so the fault predication is very important

2, software fault prediction (SFP) classification problem fault and not fault prone

3, this literature focus on 1)ML techniques 2)the different ML methods on the SFP models. 3)methods on different preprocessing the data

4, section2 section3 section4 do some thing …..

5, feature extraction

6, datasets :NASA dataset and open source data set:usi

7, the goal

In previous studies, researchers mainly consider to utilize the training data from other projects (i.e., the source projects) and utilize transfer learning to alleviate the data distribution difference between different projects. This problem is called as cross-project defect prediction (CPDP).